

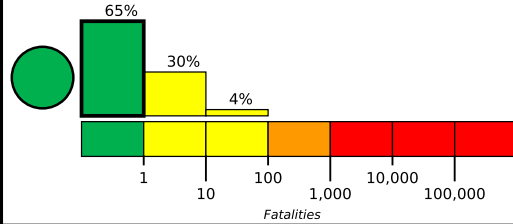
# M 5.5, 79 km SW of La Esperanza (El Zapotal), Mexico

Origin Time: 2020-10-12 04:13:55 UTC (Sun 22:13:55 local)  
Location: 14.8588° N 93.5906° W Depth: 35.0 km

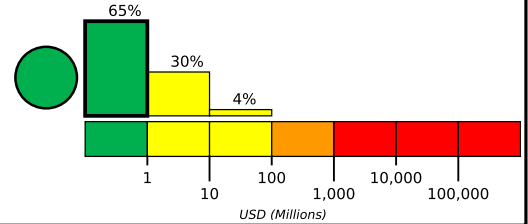
Created: 2 hours, 3 minutes after earthquake

## Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



## Estimated Economic Losses

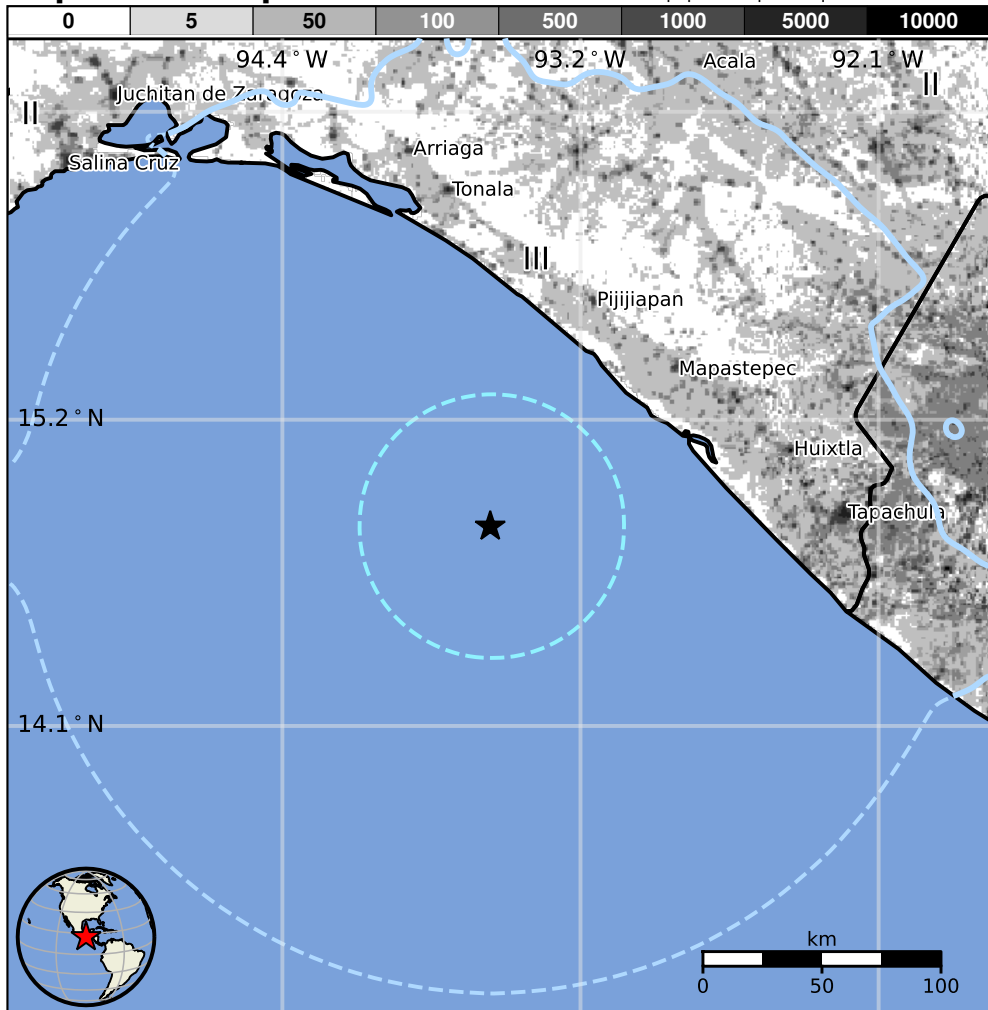


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,960k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1994-07-04	399	6.4	V(118k)	2
1975-11-05	241	5.0	VI(21k)	1
1991-09-18	287	6.2	IX(9k)	25

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	El Palmarcito	1k
III	La Esperanza (El Zapotal)	1k
III	Joaquin Miguel Gutierrez (Margaritas)	2k
III	Nuevo Milenio Valdivia	2k
III	<b>Pijijiapan</b>	<b>15k</b>
III	Jiquilpan (Estacion Bonanza)	1k
III	<b>Tapachula</b>	<b>198k</b>
III	San Marcos	25k
II	Comitan	80k
II	<b>Salina Cruz</b>	<b>74k</b>
II	Las Margaritas	103k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000c7ne#pager>

bold cities appear on map.

(k = x1000)

Event ID: us6000c7ne